



South Carolina Governor's Nuclear Advisory Council

Update on Accelerated Cleanup Activities at SRS “Backup Slides”

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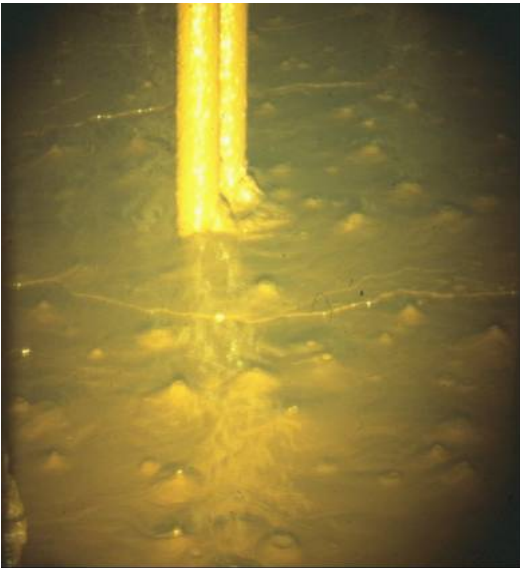
Unclassified
Does Not Contain
Unclassified Controlled Nuclear Information
Reviewing Official: Jayne B. Slack,
DOE-SR Classification Analyst
Date: 06/09/04



SRS waste tanks contain three types of waste

- **Highly radioactive sludge (~3 million gallons)**
- **Liquid salt waste (supernate) (~16 million gallons)**
- **Solid salt cake waste (~17 million gallons)**

Sludge Waste



Salt Waste



Supernate Waste

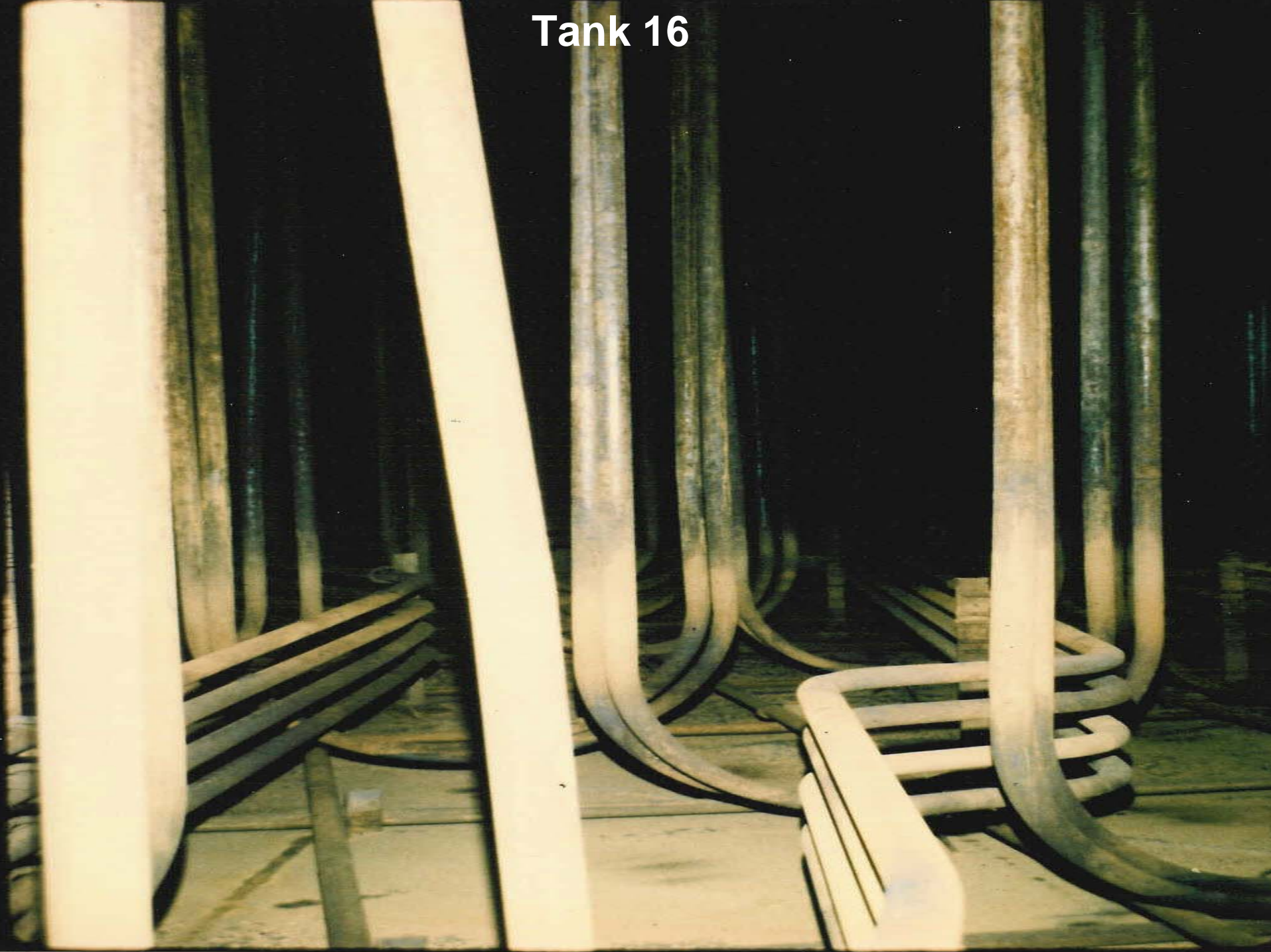




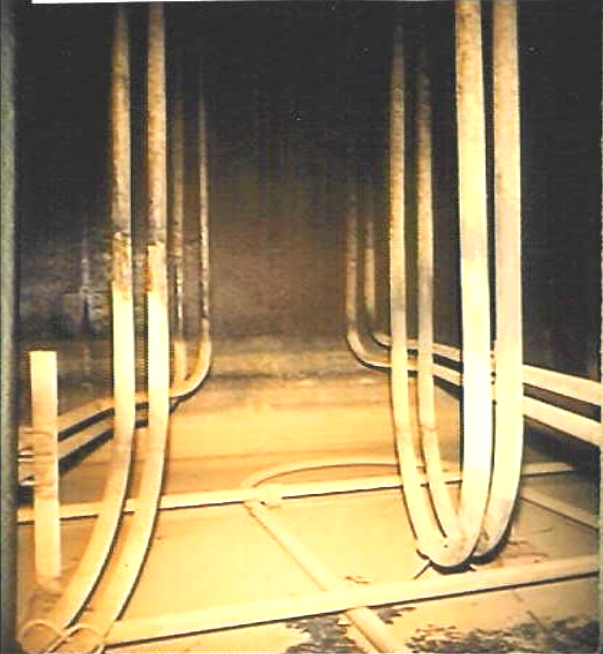
This is an example of a Savannah River waste tank, emptied of bulk waste and cleaned with high-pressure water jets. The tank is sufficiently clean to show the pumps and power cables on the tank bottom. In 1997, after review by the NRC and scrutiny of South Carolina, DOE mixed grout into these residues and closed the tank. As closed, Tank 17 contributes only 0.022 millirem per year toward the EPA's drinking water dose limit of 4 millirem per year.



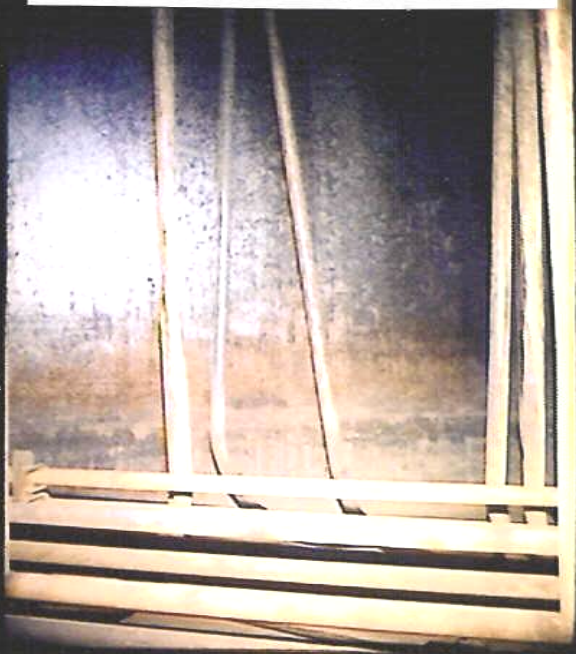
Tank 16



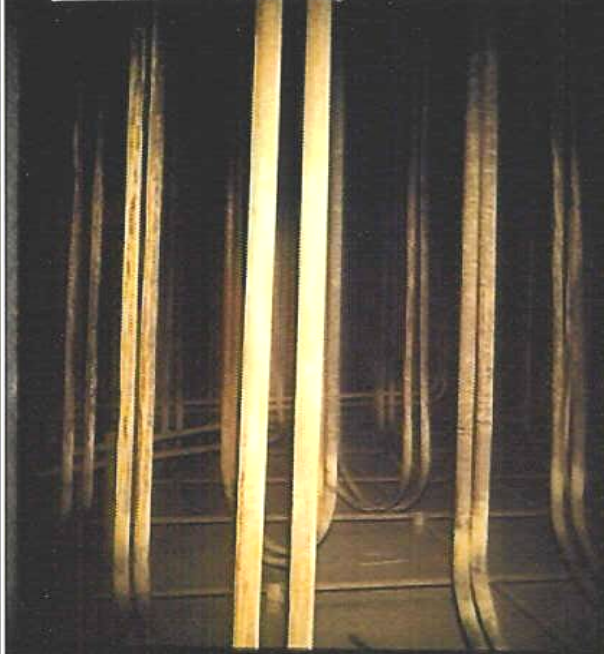
12-08-80
WMT: 1567 Car: 193:32



11-06-80
WMT: 1560 Car: 192:99



10-08-80
WMT: 1539 Car: 192:17



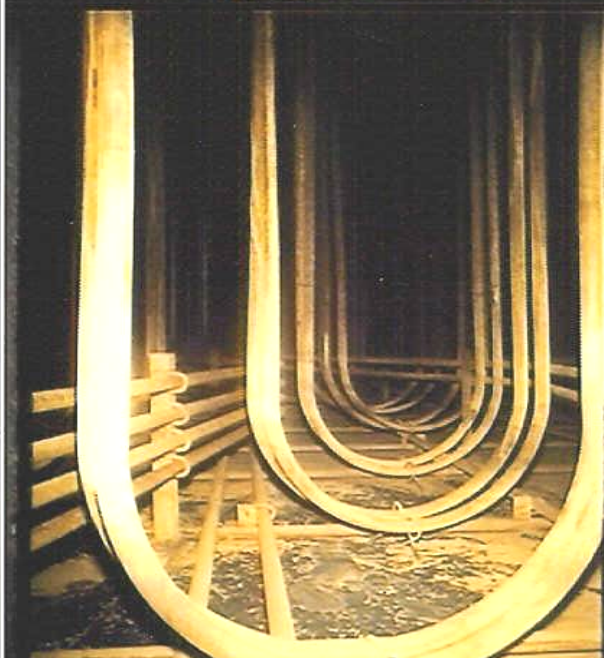
Tank 16 Riser 7
12-08-80
WMT: 1567 Car: 193:26



Tank 16 Riser 4
11-06-80
WMT: 1560 Car: 192:78

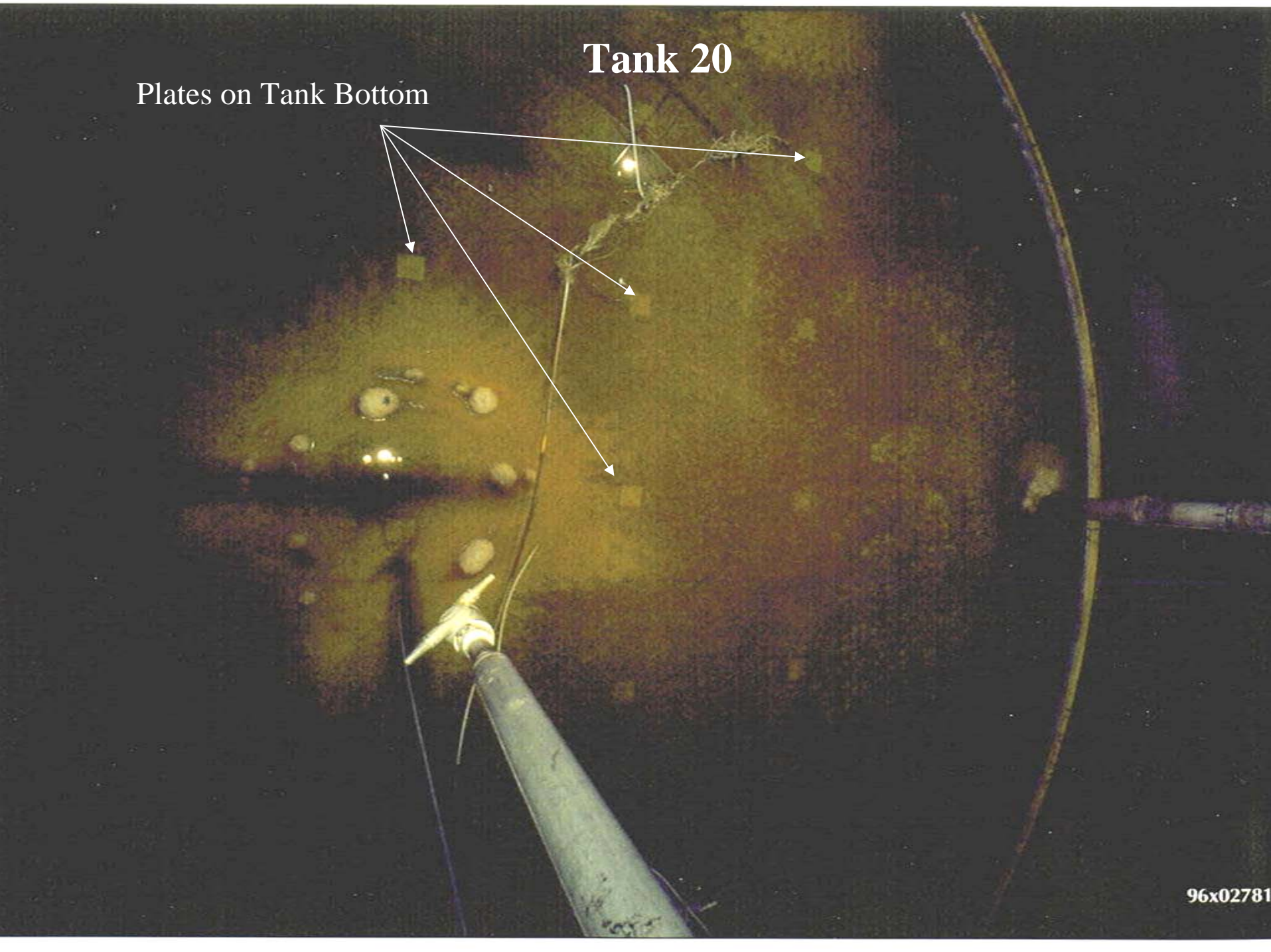


Tank 16 Riser 3
10-08-80
WMT: 1539 Car: 192:13



Tank 20

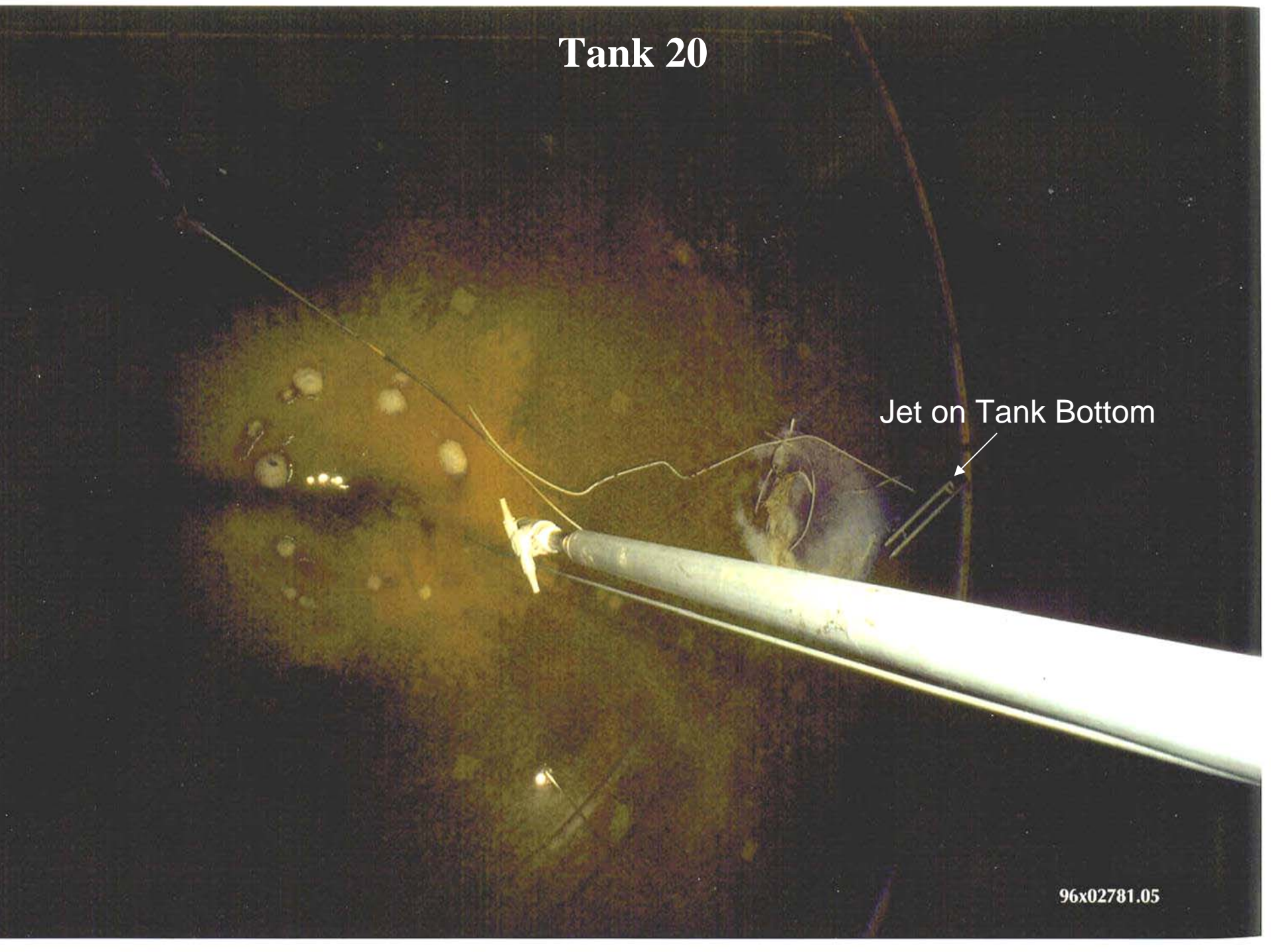
Plates on Tank Bottom



Tank 20

Jet on Tank Bottom

96x02781.05





Hanford Tank 106



↑
Before Cleaning



← **After Cleaning**